

"...Bacteriology" Institute (Institutul de Bacteriologie),
BOCA, R., Dr., ROSEN, P., Dr., and BREAZU, H., Dr., of the Hospital
No 2 for Adults of Ploiesti (Spitalul de Adulti Nr 2 Ploiesti).

"A Fatal Case of Septicaemia Due to Cl. perfringens. (Clinical,
Bacteriological and Hematological Study)."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8,
No 3, May-Jun 63, pp 243-252.

Abstract: Describes the clinical evolution as well as the
hematological and bacteriological studies on the case of a
55-year old female patient.

Includes 8 figures and 21 references, of which 11 are
Western, 2 German, 6 Rumanian and 2 Russian.

1/1

RIENANTA

ILIESCO, M.; RADU, I.; BERCEANU, St.

Experimental research on the process of isoimmunization in
guinea pigs. I. Immuno-serological investigations. Arch. Roum.
path. exp. microbiol. 22 no.1:57-68 Mr '63.

(ANTIGEN-ANTIBODY REACTIONS)
(LIVER EXTRACTS) (FREUND'S ADJUVANT)
(KIDNEY) (TISSUE EXTRACTS)
(PRECIPITIN TESTS) (SKIN TESTS)

ILIESCO, M.; RADU, I.; BERCEANU, St.; HERGOT, Lucia; IONASESCO, Rebeca;
MOLDOVEANU, N.; SFERDIAN, O. Assistant technique: MARINESCO, M.

Serological research on the mechanism of autoimmunity in acute
and chronic hepatitis in man. Arch. roum. path. exp. microbiol.
23 no. 3:805-810 S'63

1. Institut "Dr. I. Cantacuzino", Bucarest (for Iliesco, Radu, Marinesco).
2. Clinique Medicale "Bernal Andrei", Bucarest (for Berceanu, Hergot, Ionasesco). 3. Hopital de Maladies Contagieuses No. 2,
Bucarest (for Moldoveanu, Sferidian).

MAGUREANU, E., conf.; GROBNICU, Mina, dr.; MUSETESCU, M., dr.; RADU, I., dr.

Serological diagnosis of adenovirus diseases with Boyden's
passive hemagglutination reaction. Microbiologia (Bucur) 9
no.2:161-168 Mr-Ap '64.

1. Lucrare efectuata in Institutul de microbiologie, parazitologie
si epidemiologie "Dr. I. Cantacuzino" (director: prof. I. Mesro-
beanu). 2. Laboratorul de adenoviroze (for Magureanu, Grobniucu,
Musetescu). 3. Laboratorul de serologie (for Radu).

ANALYST: DR. J. M. GARCIA, MEDICAL VETERINARIAN, DISEASES OF ANIMALS
SUBDIVISION, I.E., INFLUENZA.

Comparative study of adenoviral antibodies with the passive hemagglutination test and complement fixation test. Microbiology (Influenza)
9 pp. 12751-358 J. Aug '64

1. Estimare efectivitatea in Institutul de Microbiologie, parasitologie
si epidemiologie a "I. M. Cuza" din Craiova.

ILIESCU, M., dr.; RADU, I., dr.; IERENIA, T., dr.; STOIAN, Cecilia, biolog

Research on the diagnosis of toxigenic and non-toxigenic C. diphtheriae in pure cultures and associated with diphtheroid bacteria, staphylococci, pneumococci and streptococci. Microbiologia (Bucur) 9 no.5:431-440 E-O '64

1. Lucrare efectuata in Institutul de microbiologie, paraziologie si epidemiologie si Institutul de medicina si farmacie, Bucuresti.

RADU, Ion

The duration of mill operation has been prolonged. Constr
Buc 16 no.737:l 22 F'64.

RADU, Ion

What four hours mean. Constr Buc 16 no. 738:2 29 February
1964.

DATCU, Nicolae; MOLEAUA, Ilie; RADU, Ion; ILIE, Ion; POMESCU, Nicolae;
COVAR, G.A., economist

From letters received from voluntary newspapermen. Constr
Buc 16 no.742:2 28 March 1964.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343"

copy; portion of the furnace section youth. Contra Costa Co.
Captured 11 July '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

RADU, Ion

The cement plant, Medgidia. Constr Buc 16 no.759:2
25 Jl '64.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343"

2000-08-01

Technological improvements. Volume Box 16 sub 7682
Dr. Eng. '81

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343"

Attn: Mr. [REDACTED] RDP86

Gulf of Mengidde. Concor 412 no. 748-3 13 1 '65.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

ILIE, Ion; RADU, Ion

News from Medgidia. Constr Zuc 17 no.790:3 27 F '65.

AUS, I.

Behavior of various types of potatoes after dehydration. p. 129

ANULII DE CERCETARI DE BIOLOGIE. STIINTA BIOLIGIE VEGETALA. Bucuresti, Romania.
Vol. 11, no. 2, 1959.

Monthly list of East European Accessions (FEAI) LC, Vol. 9, no. 2, August 1959.

Incl.

RADU, I.F.; GHERGHI, A.

The catalase of plants. III. Dynamics of the activity of the catalase
in trees by phenological phases. Studii cerc biol veget 11 no.3:
281-301 '59. (EEAI 10:3)

(Catalase) (Phenology) (Trees)

BORDEIANU, T.; TARNAVSCHI, I.; RADU, I. F.; BUMBAC, Ecaterina; BOTEZ, M.
MARIN, Ana

Winter rest and biological threshold of the apricot flower buds.
Studii cerc biol veget 13 no.4:427-440 '61.

l. Membru corespondent al Academiei R.P.R. si membru al Comitetului
de redactie, "Studii si cercetari de biologie, Seria biologie vegetala"
(for Bordeianu).

REF ID: A6512

SAIN, I.I., Jr., Bucharest [affiliation not given]

"Water in the Various Organs of Fruit-Trees."

Bucharest, Natura. Seria Biologis, Vol 15, No 1, June-Feb
1963, pp 15-18.

Abstract: Describes various methods for the quantitative determination of water, with emphasis on the method employed by the author which consisted in sectioning the material into 1 mm pieces and drying it in aluminum foil at room temperature. The author finds that the younger the organism, the greater the quantity of total water; in descending order of water content, the organs were flower, leaf, bark and wood.

Includes 8 tables and 21 references, of which 5 are Western.

11/1

S/169/63/000/001/032/062
D263/D307

AUTHORS: Potresku, G. and Radu, K.

TITLE: Seismicity of the territory of the Rumanian People's Republic over 1901-1960

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1962, 15,
abstract 1G86 (Izv. AN MoldSSR, 1962, no. 4, 68-90
(summary in Mold.))

TEXT: Positions of the foci, intensities (in points) and magnitudes have been determined for 128 earthquakes from instrumental data collected in Rumania between 1908 and 1960. The Carpathian region appears to be the most active seismically and is associated with the epicenter of the strongest Rumanian earthquake on November 10, 1940 ($M = 7.4$, intensity at epicenter IX-X points). Another characteristic of this region is that in the majority of cases the foci are situated at a depth of ~ 150 km. This region is in the zone of the sharp folding of the Carpathian arc (the Vrancea region). Many epicenters are also found outside Vrancea: the depth of foci.

Card 1/3

S/169/63/000/001/032/062
D263/D307

Seismicity of the territory ...

is here < 100 km. The magnitude of the deep earthquakes (M) in the Carpathian region is determined by the logarithm of the ratio of maximum amplitude in phase S to the period. The relation between M and the intensity expressed in points on the Mercalli-Cancani scale is $M = 0.51 I_0 + 2.55$. The frequency graph of earthquakes in the Carpathian region over the period 1937-1958, for $M \geq 5.5$, is curvilinear with a slope of $0.52 - 0.58$ in the central position. According to energy characteristics of the earthquakes the Carpathian region may be divided into 2 zones. The total seismic energy liberated in the Rumanian earthquakes is $\sim 10^{25}$ ergs, almost 40% of which is accounted for by the earthquakes of 1940. Mean annual energy evolved in this way appears fairly constant, although considerable deviations were observed in 1940 and 1945. According to instrumental data, apart from the Carpathian region a few other active areas exist in the territory of Rumania: the Banat region (Timisoara) is characterized by strong earthquakes with M up to 5 (VIII points at epicenter). Macroseismic and instrumental data are generally in agreement: the former indicate however a few

Card 2/3

S/169/63/000/001/032/062
D263/D307

Seismicity of the territory ...

additional zones, where V-VI point earthquakes do occur. Strong quakes in Yugoslavia and Bulgaria may be detected on Rumanian territories with a force of VII points, while the earthquakes at Dobrudzha may even reach VIII points. Seismic surveying of Rumania was performed chiefly on the basis of data concerning the 1940 earthquake. A portion extending in the north-western direction, where the intensity exceeded VIII points, was observed in the epicentral zone of this earthquake.

[Abstracter's note: Complete translation.]

Card 3/3

RADU, M., ing.; MARINESCU, G., ing.

Studies on the shape of the outlets and placement of the ground
gates in mobile weirs. Hidrotehnica 6 no.9:314-321 S '61.

M.W., Maria

"Metode d'analyse polarographique pour le Fe, Cu, Pb, Cd et Zn des saponins complexes et des saponines de l'A, de Zn et de Cu." Revue de Chimie, Vol. 2, 1951, Bucarest.

RADU, Marica

Hereditary changes in tomatoes under the influence of leaf extract;
preliminary note. Studii cerc biol veget 12 no.3:317-329 '60.
(EEAI 10:5)

(Tomatoes) (Hybridization)

RAICU, P.; RAIU, Marica

Study of the heterosis and segregation phenomenon in the tomato hybrids descended from pollination with a pollen mixture. Rev biol 8 no. 1: 37-66 '63.

1. Universite de Bucarest, Faculte des Sciences Naturelles,
Chaire de genetique.

RAYKU, P. [Raicu, P.]; RADU, M.

"Multiple" fertilization in wheat. Agrobiologija no.4:530-536 Jl-Ag '64.
(MIRA 17:12)

1. Laboratoriya genetiki Bukharetskogo universiteta, Rumynskaya
Narodnaya Respublika.

Genetics

RUMANIA

RAICU, P., Dr, and RADU, Marica, Dr. Bucharest [affiliation not given]

"Molecular Bases of the Mutagenic Process."

Bucharest, Natura. Seria Biologie, Vol 18, No 1, Jan-Feb 66,
pp 9-20.

Abstract: The authors discuss the factors leading to the appearance of mutations, and suggest their classification into five distinct groups: factors preventing the formation of precursor nucleic acids; factors leading to the inclusion of some analogs of the nitrogen bases in the nucleic acid macromolecules; chemical factors with various actions on nucleic acids; mutations caused by errors in the replication of DNA and RNA; and physical factors including ionizing and non-ionizing radiation, temperature variations and ultracentrifugation.

S-14

COUNTRY	: Rumania	APPROVED FOR RELEASE: Tuesday, August 01, 2000	CIA-RDP86-00513R0013 78014
ABSTRACT	: Physical Chemistry--Colloid chemistry. Disperse systems.		
ABS. JOUR.	: REKhIM., no. 22 1955, no.		
AUTHOR	: I, II Angelescu, E. and Radu, M.; III Radu, M.		
JOUR.	: Romanian Academy of Sciences		
TITLE	: The Electric Conductivity of Soap-Water-Electrolyte Systems in the Sol-Gel Transition Region. I. Sodium Stearate-Water-Sodium Chloride. III.*		
ORIG. PUB.	: Studii si Cercetari Chim Acad RPH, 6, No 5, 403-415; no 4, 503-511, 519-520 (1958)		
ABSTRACT	: I. The electric conductivity λ of 0.1 and 0.2 N solutions of Na stearate has been investigated at various NaCl concentrations (0.02-0.1 u) for the purpose of obtaining some data on the gelatinization process. λ was determined at temperatures of 20-80° as the system was both cooled and heated [sic]. The authors have established the presence of λ hysteresis during gelatinization as well as negative deviations from the additivity law. On the basis of the data obtained, the		
<p>*Sodium Palmitate-Water-Sodium Chloride. III. Sodium Stearate + Sodium Palmitate-Water-Sodium Chloride.</p>			

5.00: 1/4

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343"

ABSTRACT JOURN. : AZKHIM., No. 22 1959, p. 5.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : II. Similar experiments with Na palmitate (I) have shown that the effect of NaCl is expressed in changes in the degree of dissociation of I, since NaCl reduces the repulsion energy of the ions in the micelles and thus increases the energy of the crystal lattice. In a 0.2 N solution of I, in which the degree of dissociation of I is less than in a 0.1 N solution, NaCl affects the degree of dissociation of I when added in small concentrations; when the electrolyte is added in larger amounts, it affects the structure of the colloidal micelles as a result of changes in the degree of hydration of the micelles.

CARD: 3/4

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

RADU, N.; ANGELESCU, E.

Electric conductivity of the soap-water-electrolyte system during the passage from sol to gel, and vice versa. II. Palmitate of sodium-water-sodium chloride. I.I. Sodium stearate / sodium palmitate-water-sodium chloride. p. 503.

Academia Republicii Populare Romane. STUDII SI CERCETARI DIN CHIMIE. Bucuresti, Romania. Vol. 6, no. 4, 1958.

Monthly List of East European Accessions (EEAI) Vol. 3, no. 7, July 1959.

Uncl.

ANGELESCU, E.; RADU, M.

Electric conductivity of the soap-water-electrolytic system during the passage from sol to gel and vice versa. V. Electric conductivity of the system: sodium stearate sodium palmitate-water- α -cresol during the passage from sol to gel and vice versa. Studii cerc chim 8 no.3: 399-418 '60. (EEAI 10:9)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectorul coloizi, Bucuresti. 2. Membru corespondent al Academiei R.P.R.; Comitetul de redactie, Studii si cercetari de chimie(for Angelescu).

(Electric conductivity) (Colloids) (Sodium stearate)
(Sodium palmitate) (Water) (Cresol)
(Soap)

ANGELESCU, E.; RADU, Minodora

Relations between electric conductivity and dispersion degree of lyophilic colloids. IV. Electric conductivity of the system sodium stearate-stearic acid-water-o-cresol. Studii cerc chim 9 no.4: 603-613 '61.

1. Centrul de cercetari chimice al Academiei R.P.R., Sectia de chimie-fizica, Bucuresti. 2. Membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie, "Studii si cercetari de chimie" (for Angelescu).

RUMANIA

576.8.097.35-085.371

TOPCIU, Vl., PLAVOSIN-BABUSCEAC, Livia, CSAKY, N., RADU, M.,
VOICULESCU, D., TRANDAFIRESCU, Virginia, NICOLAU, I., STEFAN,
Margareta, COMSULEA, Lia, and KECSKES, Elisabeta, of the Insti-
tute of Hygiene and Public Health (Institutul de Igiena si Sana-
tate Publica), Timisoara.

"The Evolution of Antivariolic Postvaccinal Immunity in Different
Age Groups Expressed by the Titer of Agglutination Inhibition
Antibodies."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17,
No 4, 66, pp 317-321.

Abstract: In a study of 1,074 sera from persons of various ages,
84.3 percent contained various amounts of antivaccine hemagglu-
tinating antibodies. The curve of average titer versus age shows
4 peaks corresponding to maternal antibodies, first vaccination,
revaccination at 7 years, and revaccination in the armed services.
Small titers of the antibodies persist throughout life, with higher
levels for approximately 3 years following vaccination.

Includes 2 figures and 9 references, of which 2 Russian,
3 German and 4 Western.

1/1

PANAITIDE, C., ing.; MARCU, Gh., ing; ICILIU, Gh.; RADU, N.; PAVEL, P.
VASILESCU, P., ing.; ROSU, A., ing.; PAVEL, M., ing.; ENEDI, A.;
MIHAI, Gh.; SANDULESCU, N., ing.; AVACHIAN, A., ing.; ANDREICOVICI,
Gh., ing.; UNTERFINGER, E., ing.

New technology in combed cotton spinning for improving yarn
quality. Ind text Rum 14 no.10:448-450 S '63.

1. De la Filatura romanesca de bumbac (for Panaitide, Marcu, Ionescu, Radu, Pavel, P., Vasilescu, Rosu, Pavel, M., Enedi, Mihai, Sandulescu).
2. De la Institutul de cercetari textile (for Avachian, Andreicovici, Unterfinger).

SANDULESCU, R., ing.; BUTA, T., ing.; RADU, N., ing.

Growing tobacco seedlings under plastic film covering.
Ind alim veget 13 no.3:78-85 Mr '62.

1. Institutul de cercetari alimentare (for Sandulescu).

BAIU, N.

About imaginary focuses of conics. p. 411

GAZETA MATEMATICA SI FIZICA. SERIA A. (Societatea de Stiinte
Matematice si Fizice din Romania)
Vol. 8, no. 8, August 1956

Bucuresti, Romania

SOURCE: East European List (EEAL) Library of
Congress, Vol. 6, No. 1, January 1957

Radu, N. I. Sur une formule d'interpolation. Com.
Acad. R. P. Romine 7 (1957), 693-696. (Romanian,
Russian and French summaries)

The author starts from an interpolation formula
attributed to O. Onicescu: given $n+1$ interpolation
points, form the Lagrange polynomials for f with all
selections of $p+1$ of these points, and form a linear
combination of these with coefficients of sum 1, thus
obtaining a new approximating polynomial for f . The
author extends this idea by taking into account not only
 f but also a prescribed number of its derivatives.

R. P. Boas, Jr. (Evanston, Ill.)

An Asymptotic Property of the Density of Continuous Markoff Chain

Radu, N. C. Une propriété asymptotique des densités d'une chaîne de Markov continue au cours du temps. Com. Acad. R. P. Române 7 (1957), 929-932. (Romanian. Russian and French summaries)

Let $\phi(t, x; s, y)$ be the probability (density relative to a measure function μ on the state space) of a transition from x at time t to y at time s for a Markov process. Suppose that $\{t_n, n \geq 1\}$ is a monotone sequence with limit ∞ , that $\{\alpha(t_n), n \geq 1\}$ is a sequence of positive numbers with sum ∞ , and that M is a set of positive μ -measure such that (t fixed, $\prec t$)

$$\phi(t, x; t_j, z) \geq \alpha(t_j) \text{ if } t < t_j, z \in M.$$

Then it is shown, following the classical reasoning of Markov, that, when $s \rightarrow \infty$,

$$|\phi(t, x; s, z) - \phi(t, y; s, z)| \rightarrow 0$$

J.L. Doob (Urbana, Ill.)
1/1 | uniformly as x, y, z vary.

2
I-FW

RADU, N. ; ROBOC, N.

* class of functions defined on triangularizable-topologic varieties; joint measure; joint functions of Green. In French. p. 325.

REVUE DE MATHÉMATIQUES PURÉS ET APPLIQUÉES. JOURNAL OF PURE AND APPLIED MATHEMATICS. (Academia Republicii populare Romine). Bucuresti. Rumania. Vol. 3, No. 2, 1958.

Monthly List of East European Accessions (EEAL) LC Vol. 2, NO. 2, January 1960.

Uncl.

RADU, N.

The Krull lemma and the structure of rings. Studii cerc mat 11 no.1:
183-191 '60. (EEAI 10:9)

(Fields, Algebraic) (Abelian groups)
(Rings(Algebra))

RADU, N.

Structure of multiplication rings. Rev math pures 6 no.2:363-371 '61.

BARBILIAN, D. [deceased]; RADU, N.

Abstract solution by radicals. Studii cerc mat 13 no.3:377-418 '62.

RHODES

- Dobrogea, "Rev. Geol. S. I. Rumania, Vol. 27, 1951,
pp. 1-100; "Geological Survey of Rumania," No. 1, 1951,
1. "On the Grounds Valentine in the Western Part of the
Bessarabian Mountain," Romanian Geologist, No. 7-12.
2. "New Data on the Stratigraphy of Antiquarian Landforms
of Northern Dobrogea," Romanian Geologist, No. 3, 1951,
pp. 1-100.
3. "Geological Survey of Rumania," No. 1, 1951,
4. "The Problem of the Lower and Upper Lias of the
Palaeozoic Age in the Eastern Carpathians," Romanian
Geologist, pp. 19-36.
5. "The Meso-Cunes of the Western Carpathians in the
Vrancea Gorge," Romanian Geologist, pp. 27-31.
6. "Contributions to the Study of the So-called 'Volcanic and
Cenozoic Fauna of the Tisza-Szamos Region
(South-East of Cluj)," Romanian Geologist, pp. 36-63.
7. "Geological Data concerning the Volcanic and Pre-volcanic Valley,
Filocene Between the Tisza and Szamos," Romanian
Geologist, pp. 55-70.
8. "Gallerian Fauna of the Szekl-Prevarva Hill," Romanian
Geologist, pp. 11-20.
9. "Contributions to the Study of the Cenozoic in the
Glimocite of Bacău," Romanian Geologist, pp. 11-16.
10. "Concerning the System of the Preterrestrial Sciences,"
Romanian Geologist, pp. 102-104.
11. "Indiana Fossils," Romanian Geologist, pp. 111-115.
12. "Geomorphological Observations in the Lower Danube
of the River," Romanian Geologist, pp. 111-115.
13. "The Pleistocene and Subglacial Layer of the Current
Cultivations and Subglacial Layer of the Jester between
Blida Chikchik in the West and Others in the East,"
Romanian Geologist, pp. 171-175.
14. "Western Geology," Romanian Geologist, pp. 1-100.
15. "Contributions to the Geomorphicological Study of the
Tisza River," Romanian Geologist, pp. 1-100.

— 1/2 —

RADU, O.

3015
A/141/62/000/002/002/002
D014/D105

G. J150 (102611591331)
AUTHORS: Mozes, G., Lapedatu, E., Zaharia, G., Friedman, A., Arabian,
L., Radu, O., Bartos, V., and Dedulescu, L., (Bucharest)

TITLE: New types of selenium rectifier-cells

PERIODICAL: Electrotehnica, no. 2-3, 1962, 72 - 86

TEXT: The article describes the possibilities of improving the performance of Romanian selenium rectifiers and presents three new rectifiers developed by ICET-Institutul de cercetări electrotehnice (Electrotechnical Research Institute) and the Uzinele "Grigore Preoteasa" ("Grigore Preoteasa" Plant). The performance of Romanian selenium rectifiers was improved either by increasing the inverse-peak voltage as in SV-1 rectifiers, by increasing the current density as in SV-3 rectifiers, or by increasing the inverse-peak voltage and the current density as in SV-2 rectifiers. The SV-1 cell was improved by introducing thallium in a concentration of $8 \cdot 10^{-3}$ % into the SnCd counter-electrode and applying solid sulfur-in-selenium solution on the surface of the selenium layer. This gave the SV-1 cell in normal cooling conditions an inverse-peak

Card 1/3

New types of selenium rectifier-cells

R/014/c2/009/c02/c02/002
DOI 4/0105

voltage of 25 - 40 v_{ef}, a current density of 25 ma/sq cm, a specific rectifying power of 0.3 - 0.4 w/sq cm, an over-all efficiency of 95 - 97%, an operating temperature of 65 - 75°C, and a volt-ampere characteristic as shown in Fig.5. The SV-1 cells are produced in series by the "Grigore Prestea" Plant. An increase of the current density in SV-3 rectifiers was achieved without reducing the inverse-peak voltage by providing the SnCd counter-electrode with adequate thallium. The SV-3 cell has in natural cooling conditions an inverse-peak voltage of 25-30 v_{ef}, a current density of 50 ma/sqcm, a specific recti-

fying power of 0.8 w/sq cm, an over-all efficiency of 96%, an operating temperature of approx. 60°C, and a volt-ampere characteristic as shown in Fig.19. In forced cooling conditions, the specific rectifying power increases to 2.4 w/sq cm. Serial production of the SV-3 cell is being prepared. In SV-2 rectifiers, the aluminum base was first coated with a 0.5 - 1.5-k-thick cadmium layer and then with a 60 - 70-k-thick selenium layer. The non-rectifying junction was obtained by soldering under pressure a 40-k-thick bismuth-coated aluminum sheet on the selenium layer. The SV-2 rectifier has in natural

Card 2 / 6

New types of selenium rectifier-cells

R/nd3/62/003/002/002/032
6014/0105

cooling conditions an inverse-peak voltage of $35 - 50 \text{ V}_{\text{pp}}$, a current density of 50 mA/sq cm , a specific rectifying power of $0.7 - 0.9 \text{ W/sq cm}$, an over-all efficiency of $96 - 97\%$, an operating temperature of $65 - 70^\circ\text{C}$ and a volt-ampere characteristic as shown in Fig. 2b. There are 31 figures.

ASSOCIATION: Mozes, L., Lapedatu, E., Zaharia, C., and Friedmann, A.: ICAT; Arabian, L., Radu, O., Barto, V., and Dedulescu, L.: Uzinele "Grigore Preoteasa" ("Grigore Preoteasa" Plant).

Card 3/6

WOHL, A.; RADU, O.

Contributions to the calculation of rectification columns.
Pt.3. Rev chimie Min petr 14 no.11/12:669-673 N-D'63.

L 64910-65

ACCESSION NR: AP5023470

RU/0003/64/015/011/0696/0698

8

B

AUTHOR: Wohl, A.; Radu, O.

TITLE: Contributions to the calculation of rectification columns. IV. Discussion concerning the possibility of replacing the equilibrium curve by a straight line relating to the less volatile component

SOURCE: Revista de chimie, v. 15, no. 11, 1964, 696-698

TOPIC TAGS: chemical equilibrium, chemical engineering

ABSTRACT: The authors conclude that, except for some special cases, the substitution of the tangent to the origin for the equilibrium curve (as explained in earlier articles of the series) attributes a larger separation power to the rectification column than is actually the case. Orig. Art. Incl.: 14 formulas, 3 graphs and 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: GC, MA

NR REF SOV: 000
1/1 77200

OTHER: 005

JPRS

RUMANIA

SUTEU, E., Veterinarian, of the Gilgau Veterinary Circumscription (Circumscripția Veterinara Gilgau), RADU, P., Dr., and CRISTOLOVEANU, I., Dr., of the Cluj Slaughter House (Abatorul Cluj).

"Observations on Cysticercosis in Pigs."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 11, Nov 63, pp 64-68.

Abstract: A study based on the examination of 30,173 pigs from Cluj, Iasi and Suceava Regiunes, of which 60 were found to have been affected by the disease. The foci are identified and the dissemination of the infection is discussed. The diagnostic value of veterinary testing after all slaughtering is pointed out. The salvaging of slightly infested meat by different methods of sterilization is also discussed.

Includes 3 tables and 2 Rumanian references.

RUMANIA

Dr. P. RADU, Vicepresident of the District Agricultural Council Fetești (vicepreședinte al Consiliului agricol raional) and Dr. BOȚIȘIU, Economist Regional Agricultural Council, Bucharest.

"Development of Animal Breeding in Collective Farms in the Fetești District."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 5, May 63; pp 38-44.

Abstract: Numerical and financial data affecting the increase in various types of domestic animals in the regions as well as by individual farms are given, 1959-1962: cattle, sheep, pigs, poultry: number of heads, value in lei; production per head; feed consumption and related cost figures. Five tables.

ANASTASATU,C.; PADULESCU,N.; BACIU,A.; DUMITRU,V.; NICOLICIN, Al;
DIACONU, Em.; RADU, Petre.

Modalities and rate of healing in cavitary forms of pulmonary
tuberculosis under drug therapy. Rumanian med. rev. 7 no.3:
35-41 Ja-Mr'64.

*

RADU, Pavel N., elev (Craiova)

Propounded problems; 5196. Gaz mat B 13 no.6:173 Mr '62.

RADU R

RUMANIA / Analytical Chemistry. Analysis of
Inorganic Properties.

E

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64168

Author : Ralea Radu, Iorga Neculai

Inst : Not given

Title : Methods of Phometric Microdetermination of
Cobalt and Copper by Means of Sodium
n-Aminosalicylate.

Orig Pub: An. stiint. Univ. Iasi., 1956, Sec. 1, 2,
No 1-2, 211-226

Abstract: By the interaction of Co^{2+} with Na_2O_2 in the
presence of n-aminosalicylate Na (I), a brown
color is developed suitable for the photometric

Card 1/4

APPROVED FOR RELEASE: Tuesday, August 01, 2000 of CIA-RDP86-00513R001
RUMANIA / Analytical Chemistry.
Inorganic Properties.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64168

Abstract: determination of Co. Ber's Law is observed
during 0.1-12 mg/ml Co. In the presence of
alkali, the maximum intensity of the color is
reached in several minutes, and is preserved
permanently in the course of 30-40 minutes. To
avoid interaction between I and Na_2O_2 , a solu-
tion of Na_2SO_3 is added to the analyzed solution
after reaching maximum color. To 0.5-4 ml of
the analyzed solution, which contains ~0.03 mg/ml
Co, 5 ml of a freshly-prepared 0.4 M solution of
I, 10 ml 4 M NaOH, and some grains of Na_2O_2
(~0.15 g) are added; it stands 10 minutes; 0.75
ml 1 M Na_2SO_3 are added, diluted with water to
25 ml and measured with a photometer with a yellow

Card 2/4

RUMANIA / Analytical Chemistry. Analysis of
Inorganic Properties.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64168

Abstract: the addition of 1.25 ml 1 M Na_2SO_3) in the course of 30 minutes. The sensitivity of the reaction is 0.3 $\mu\text{/ml Cu}$; the maximum dilution 1:3,500,000. Fe ($\text{Cu:Fe} \geq 1:40$), Pb ($\text{Cu:Pb} \geq 1:100$), Sn ($\text{Cu:Sn} \geq 1:100$) and Cd ($\text{Cu:Cd} \geq 1:60$) do not hinder the determination of Cu.

Card 4/4

28

RAJCA, FLORIN MODREANU
Colorimetric and polarographic methods for the estimation of cobalt²⁺ and indirect estimation of potassium.
Radu Rajca and Florin Modreanu. Rev. chim., Acad. Rep. populaire Roumaine 3, 31-45(1958)(in French).—Treat 0.910 mg. Co(NO₃)₂ and a 0.1M sulfosalicylic acid soln. (I) with an excess of Na₂O₂. Dil. the soln. to 50 ml. and det. the optical d. (D) with the use of a blue filter. D is const. (0.305-0.320 in a 1 cm. cell) but the visible color varies from dark brown to intense green with 1.0-50.0 ml. I. The complex is unstable in strong alkali and 10-20 mg. should be used. For the calibration, treat 0.5-3.5 ml. of a soln. contg. 0.455 mg. Co⁺⁺/ml., 20-30 ml. water, and 5 ml. of I with 10-20 mg. Na₂O₂, then with 0.1-0.2 g. Na₂SO₄ and dil. the soln. to 50 ml. The plot of the concn. of Co against D consists of 2 straight lines for 0-0.7 mg. and 0.8-1.6 mg. Co.; D remains const. for approx. 1 hr. When Ni is present in amts. greater than 10 mg./50 ml. results for Co are high. Zn or Cd, in amts. greater than 10 mg./50 ml., give opalescence or flocculation. The method cannot be used in the presence of Fe, Cu, V, Mn, or U. Co in 4 ml. satd. soln. I or 4 ml. M Na₂ salicylate (III), 1.5 ml. 2M NaOAc, 10-40 mg. Na₂O₂, 2 ml. M Na₂SO₄, and 0.5 ml. 2% gelatin (total vol. 10 ml.) gives a polarographic reduction wave beginning at 0 v. The height of the curve is proportional to the concn. of Co and is independent of the concn. of NaOAc or Na₂O₂. Ni, Fe, Cu, Cd, or Zn do not interfere, but Mn also gives a wave at 0 volts. K can be estd. indirectly by conversion to its cobaltinitrate. The ppt. is centrifuged, washed with water and EtOH, dried, dissolved in 3-4 drops concd. HCl, and the Co is estd. as above with either I or III, colorimetrically or polarographically.

Owen H. Wheeler

GW
11

Distr: 4E2c

VOINESCU, A., corespondent; DUMITRASCU, I., corespondent; PAUN, Dumitru, corespondent; CIRSTOIU, Valentin, corespondent; CIULEA, Gh., ing; CONSTANTIN, Al., corespondent; DUMITRU, Vasile, corespondent; RADU, Romul, ing.; GAVANESCU, G., economist.

The annual plan has been completed. Constr Bus 15 no.729 si
28 D*63.

1. Director, Trustul Regional de Constructii de Locuinte, Banat, (for Ciulea).
2. Director, Trustul Regional de Constructii de Locuinte, Brasov (for Radu).

COUNTRY : Romania B-8
 CATEGORY : Physical Chemistry--Thermodynamics. Thermochemistry. Equilibria. Physicochemical analysis.
 ABS. JOUR. : RZhKhim., No. 21 1959, No. 74192

AUTHOR : Lupu, A., Grigoriu, L., and Radu, S.
 INSTIT. : Romanian Academy of Sciences
 TITLE : Investigation of the Mechanism and Kinetics of the Oxidation of Zinc Sulfide

ORIG. PUB. : Studii si Cercetari Metalurgie Acad RPR, 3, No 4, 477-490 (1958)

ABSTRACT : A theoretical discussion of the oxidation of the oxidation of ZnS is given together with calculated values for the free energy change of the various possible reactions:

$$\text{ZnS} + 1.5\text{O}_2 = \text{ZnO} + \text{SO}_2$$

$$\Delta F_T^\circ = -107,085 + 22.3479 + 1.3695 \cdot 10^{-3} T^2 - 0.23075 \cdot 10^{-6} T^3 - 1.7634 T \log T + 0.9615 \cdot 10^3 T^{-1}$$

$$(T = 500-1,173^\circ\text{K})$$

CARD: 1/7 * Phase transitions.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001
 COUNTRY :

ABS. JOUR. : RZhKhim., No. 21 1959, No. 74192

AUTHOR :

INSTIT. :

TITLE :

ORIG. PUB. :

ABSTRACT : $\text{ZnS} + 2\text{O}_2 = \text{ZnSO}_4$
 $\Delta F_T^\circ = -184,296 + 61.9477T - 5.523 \cdot 10^3 T^2 - 0.3077 \cdot 10^{-6} T^3 + 17.9982 T \log T - 0.973 \cdot 10^3 T^{-1}$
 $(T = 500-1,015^\circ\text{K})$

$$\text{ZnS} + 2\text{mSO}_4 = 2\text{Zn} + 2\text{SO}_2$$

$$\Delta F_T^\circ = 139,746 - 105.3912T + 5.461 \cdot 10^{-3} T^2 + 3.2469 \log T + 1.072 \cdot 10^5 T^{-1}$$

$$(T = 500-692.5^\circ\text{K})$$

CARD: 2/7

5-2

CITY : Bucharest
PUBLISHER :
PUB. JOUR. : RZKhim., No. 21 1959, No. 74192
EDITOR :
LISP. :
TITLE :
CPIG. PUB. :
ABSTRACT : $\Delta F_T^{\circ} = 149,354 - 69.1957T + 3.3159T \log T - 1.7745 \cdot 10^5 T^{-1}$
 $(T = 692.5-1,180^{\circ}\text{K})$
 $\Delta F_T^{\circ} = 243,506 - 205.5149T + 21.4142T \log T - 1.7745 \cdot 10^5 T^{-1}$
 $(T = 1,180-1,400^{\circ}\text{K})$
 $\text{Zn} + 0.5\text{O}_2 = \text{ZnO}$
 $\Delta F_T^{\circ} = -34,140 + 4.63T \log T + 0.69 \cdot 10^{-3} T^2 + 0.44 \cdot 10^5 T^{-1} + 37.47T$

CARD: 4/7

COUNTRY	:	Russia	B-8
CATEGORY	:		
ABS. JOUR.	:	AZKhim., No. 21 1959, No.	74192
AUTHOR	:		
EDITION	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	(T = 500-692.5°K) $\Delta F_T^{\circ} = -84,740 + 0.7cT \log T - 0.39 \cdot 10^{-3} T^2 + 0.44 \cdot 10^5 T^{-1} + 25.77T$	
		(T = 692.5-1,180°K) $\Delta F_T^{\circ} = -115,640 + 5.23T \log T - 0.66 \cdot 10^{-3} T^2 + 0.44 \cdot 10^5 T^{-1} + 63.85T$	
		(T = 1,180-1,400°K) $\beta ZnSO_4 = \beta ZnO \cdot 2SO_3 + SO_3$ $\Delta F_T^{\circ} = 71,700 + 1.3T \log T - 73.6T$	
C.I.R.D.	:	47	

COUNTR	:	rumania	B-3
CIT. WORK	:		
ARS. JOUR.	:	RZhKhim., No. 21 1959, No.	74192
AUTHOR	:		
ISSN	:		
PUBLI	:		
GENC. PUB.	:		
ABSTRACT	:	(T = 500-1,400°K)	
$3\text{ZnO} \cdot 2\text{SO}_3 = 3\text{ZnO} + 2\text{SO}_3$ $\Delta F_T^\circ = 101,640 + 7.0T \log T - 130.0T$ (T = 1,013-1,400°K)			
Values of ΔF_T° and $\log K_p$ for the above-indicated reactions have been calculated and tabulated for the temperature range 500-1,400°K. The effect of temperature (550-950°C) and of heating time (5-240 min) on product composition has been investi-			
CARD: 6/7			

RADU, S.; NIEDERKORN, I.

Contribution to the obtaining of high purity aluminum. Studii cercetare
metallurgie 8 no.1:31-44 '63.

RUMANIA

GRIGOREIU, C., Dr, Lt-Col, CRIGORESCU, V., Dr, Maj, and RADU, St.,
Dr, Lt-Maj [affiliation not given]

"Considerations on Acute Intoxications with Carbon Oxide Treated
at the Constanta Military Hospital During 1960 to 1965."

Bucharest, Revista Sanitara Militara, Vol 62, No 4, Jul-Aug 66,
pp 709-714.

Abstract: After discussing some background information regarding carbon monoxide poisoning, the authors discuss 34 cases treated by them. Of these, 30 were light cases due to improper functioning of coal stoves in a dormitory, and the other four were individual serious cases, of which one was fatal.

Includes 11 references, of which 6 Rumanian, 2 Russian and 3 French. -- Manuscript submitted 3 September 1965.

1/1

- 60 -

HAGI-PARASHIV, A., Assit. Prof.; ENACHESCU, A.; ONICESCU, Doina; SMOLENSCHI-FOTIN,
Ludmila; BOCIANEA, C.; LISSIEVICI-OPRESCU, Elena; MEDIU, St.; RALEANU,
Ioana; RADU, Sorina

Contributions to the study of terminal nerve structures in the peritoneum.
Rumanian M. Rev. 2 no.2:9-10 Apr-June 58.

(PERITONEUM, innerv.
terminal nerve structures)

VELICAN, C.; RADU, Sorina; GEORGESCU, M.

Biology of the process of sclerosis. XVII. Histochemistry of the acid mucopolysaccharides of the aortic endothelium after thyroectomy and ovariectomy. Stud. cercet. med. intern. 6 no.1:87-91 '65.

VELICAN, C.; RADU, Sorina

Biology of the sclerosis process. XIX. Topographic characteristics of the mucopolysaccharides and the morphogenesis of arteriosclerosis. Stud. cercet. med. intern. 6 no.2:161-164 '65.

VELICAN, Doina; RADU, Sorina; VELICAN, C.

Biology of the sclerosis process. XX. Heterogeneity of the constituents of the glucide fractions of human reticulin. Stud. cercet. med. intern. 6 no.3:301-306 '65.

RADU, Stefan

The eclipsing variable WY Hydrae. Studii astron seismol 4 no.2:
383-392 '59. (EEAI 9:9)

1. Observatorul astronomic al Academiei R.P.R., Filiala Cluj.
(Stars) (Eclipses)

CHIS, Gheorghe; RADU, Stefan

The Cepheid variable S Comae Berenices. Studii astron seismol 4
(EEAI 9:9)
no.2:393-399 '59.

1. Observatorul astronomic al Academiei R.P.R., Filiala Cluj. 2.
Comitetul de redactie, Studii si cercetari de astronomie si
seismologie (for Chis)
(Stars) (Cepheids)

IOSIF T. RABU, S., SAVARENISKIY, Ye.F.

Mechanism of the focuses of certain Carpathian earthquakes. Biul.
(MIRA 17:4)
Mechanism of the focuses of certain Carpathian earthquakes. Biul.
Sov. geosism. no.15:146-167 '63.

RADU, S

Plant life in the natural reservation Aninisul din Sinaia. p. 127.
(ANALELE. SERIA STIINTELOR NATURII. Romania. Vol. 5, no. 10, 1956)

BO: Monthly List of East European Accessions (EELL) LC, Vol. 6, no. 7, July 1957. Uncl.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343"

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

SAVANNAH
Forestry, Forest Management.

AFGH. TOWK. Pkt Shurh-Bisloziya, No.1, 1959, No. 1460

Author: R. M. Attilas

Editorial Department of the Ministry of Agriculture and Forestry.

USSR. Min. Agric. and Forestry. No. 22, 1952, 34-35

Abstract:

The definitions of the expression "natural reforestation," used in the title above, are given. The author emphasizes that the concept "natural reforestation" itself does not contain any reference to the regeneration of forests, but that, on the contrary, it is necessary to ensure rational utilization of forests, the most rapid regeneration of valuable species, methods of preserving the fertility of forests are also briefly described.

RUMANIA/Forestry - Forest Management

K-4

Abs Jour: Ref Zhur - Biol., No 19, 1958, 86870

Author : Radu Stelian

Inst : Not given

Title : A Method for Studying the Processes of Natural
Forest Regeneration, Part II

Orig Pub: Rev. padurilor, 1956, 71, No 3, 145-148

Abstract: Procedures are described for investigating the process of natural regeneration, depending on the felling method, and taking into account factors which influence it. A form for record blanks is presented. For Part I, see: Ref Zhur-Biol., 1957, No. 18, 80798

Card 1/1

21

DANU, S.

A RICHLAND

Periodicals: REVISTA PALEONOL. Vol. 73, no. 11, Nov. 1958

RAVII, S. Dendrologic park of Sochi. p. 673.

Monthly List of East European Accessions (EEA) 16, Vol. II, No. 2,
February 1959, Unclass.

RADU, Stoenescu, Dr.; SORIN, Schiau, R.

Juxta-cardial gastric diverticula. Med. int., Bucur. 9 no.7:1050-1069
July 57.

1. Institutul de fiziologie normala si patologica al Academiei R.P.R.
(STOMACH, diverticula
juxta-cardial, manifest., diag. & ther.)

RADU, S.N., ing.

Working problems of a hydroelectric power station with
large storage and derivation. Energetica Rum 12 no. 5:
220-230 My '64.

MARU, T.; MINTIU, T.; GDR, I.

Recuperation of chromium from residual liquors and its utilization in tanning.
p.263

INDUSTRIA USCARI. (Asociatia Stintifica a Inginerilor si Tehnicienilor din
Romania si Departamentul Industriei Usoare din Ministerul Industriei
Bunurilor de Consum)
Bucuresti, Romania
Vol. 2, no.7, July 1959

Monthly List of East European Accessions (EEAI) No., Vol. 9, no.1, Jan. 1960
Uncl.

BUTOIANU, C., dr.; RADU, V., dr.; COCULESCU, L., dr.; SCRIMA, Doina, ext.

Varicellous pneumonia in the adult. Med. intern., Bucur 12 no.10:
1505-1506 0 '60.

1. Lucrare efectuata in Clinica I de boli contagiose I.M.F. Bucuresti
(director: prof. M.Voiculescu).
(LUNG DISEASES etiol.)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001343"

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 08-01-2000 BY SPK/AM

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013439

FISCHBEIN, E.; LIVEZEANU, M.; RADU, V.; MINCIU, I.

Research regarding ranged teaching of geometry, object stage.
Rev psihologie 10 no.3:229-242 '64

1. Institute of Psychology of the Rumanian Academy, Bucharest.

RADU, Varvara V.

Some new contributions to the study of the comparative anatomy of the stomach in terrestrial isopods. Studies on the species *Platyarthrus*. Comunicarile AR 11 no.10:1195-1202 0 '61.

1. Comunicare prezentata de Gr. Eliescu, membru corespondent al Academiei R.P.R.

RADU, Vasile Gh.

Varieties of philosciidae, isopoda terrestrial in the Rumanian
fauna. Studii biol Cluj 11 no.2:269-275 '60.
(EEAI 10:9)

1. Academia R.P.R., Filiala Cluj, Centrul de cercetari biologice,
Sectia de zoologie sistematica si ecologica, membru corespondent
al Academiei R.P.R.

(Rumania—Isopoda) (Philoscia) (Halophiloscia)
(Chaetophiloscia)

RADU, Vasile Gh.; ROGOJANU, Victor; GRECEA, Alexandrina; DAN, Florica

Dynamics of the Collembola fauna of a few kinds of soil and cultures
in the vicinity of Cluj. Studii biol Cluj 11 no.2:277-301 '60.
(EEAI 10:9)

1. Academia R.P.R.-Filiala Cluj, Centrul de cercetari biologice,
Sectia de zoologie sistematica si ecologica. 2. Membru corespondent
al Academiei R.P.R. (for Radu).

(Rumania--Collembola)

RADU, Vasile Gh.; ROGOJANU, Victor; GRECEA, Alexandrina; DAN , Florica
SIMIONESCU, Ion.

Action of ecologic elements on soil fauna dynamics. Studii
biol Cluj 13 no.2:231-258 '62.

1. Membru corespondent al Academiei R.P.R. (for Radu).
2. Academia R.P.R.-Filiala Cluj, Centrul de cercetari biologice.

RADU, Vasile Gh.

Parthenogenesis of Bifrontonia feminina Radu (terrestrial
isopod). Studii biol Cluj 13 no.2:259-271 '62.

I. Membru corespondent al Academiei R.P.R. Academia R.P.R.
Filiala Cluj, Centrul de cercetari biologice.

RADU, Vasile Gh.; ROGOJANU, Victor; GRSCAEA, Alexandrina;
TEHN-DAM, Florica

Dynamics of soil coleopteral larvae depending upon the
nature of soil and vegetation. Studii cerc biol anim
14 no.1:65-78 '62.

1. Membru corespondent al Academiei R.P.R., si membru al
Comitetului de redactie, "Studii si cercetari de biologie;
Seria biologie animala (for Radu).

RADU, Vasile, Gh.; GHECFA, Alezandrina

Contributions to the study of Coleoptera larvae in the soil.
Pt. 1. Studii biol Cluj 14 no.1:81-87 '63.

1. Center of Biological Research, Romanian Academy, Cluj
Branch. 2. Corresponding Member of the Romanian Academy
(for Radu).

RADU, Vasile Gh.; BAN, Florica

Contributions to the study of Diptera larvae in the soil.
Pt. 1. Studii biol Cluj 14 no.1:89-98 '63.

1. Center of Biological Research, Rumanian Academy, Cluj
Branch. 2. Corresponding Member of the Rumanian Academy
(for Radu).

RADU, Vasile Gh.; DOMOCOS, Mariana

Contributions to the study of acarids in the ground. Studii
biol Cluj 14 no.2:265-275 '63. Studii biol Cluj 14 no.2:265-275
'63.

1. Center of Biologic Research, Rumanian Academy, Cluj Branch.
2. Corresponding Member of the Rumanian Academy (for Radu).

RICO, Vasile On.

One hundred years since the birth of Professor Paul Eujor, 1862-
1952. Studii biol Cluj 14 no.2:316-320 '63.

1. Corresponding Member of the Humanian Academy.

~~F~~
R A D U V A S I L I U
RUMANIA/Nuclear Physics

C-2

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11015
Author : Vasiliu Radu
Inst : Not given
Title : Technique of Manufacture of Geiger-Mueller Counters and Some New Applications.
Orig Pub : An. stiint. Univ. Iasi. Sec. I, 1955, 1, No 1-2, 213-219
Abstract : No abstract.

Card 1/1

S/272/63/000/003/001/001
E032/E414

AUTHOR: Radu, Vasiliu

TITLE: A liquid-level indicator

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk,
Metrologiya i izmeritel'naya tekhnika, no.3, 1963,
84, abstract 3.32.562 (Bul. Inst. politehn. Iasi,
v.7, no.3-4, 1961, 111-114 [Rum. summaries in Russ.
and French])

TEXT: A description is given of the design and operation of a device for the automatic control of the level of liquids in closed containers. The operation of the device is based on the determination of the attenuation in a lead screen of γ -rays emitted by a source inside the container. The lead screen is placed on a float on the surface of the liquid and the radiation is measured by a GM counter. The device incorporates an amplifier which transforms small changes in the liquid level into changes in the output current, which are fed into a signalling or a command device. 2 figures, 4 references.

[Abstracter's note: Complete translation.]

Card 1/1

RADU, V.

More support for trade-union organizations from institutes for planning and research. p. 4.

CONSTRUCTORUL, Bucuresti, Vol 8, No. 319, Feb., 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

RADU, V.

Practical activities of graduates of Schools for Foremen of the Union of Working Youth. p. 4

CONSTRUCTORUL, Bucuresti, Vol 8, No. 323, May, 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

RADU, V.

By all means. Constr Buc 14 no. 672:4 24 N '62.

RADU, V.

The case of the fitter Ionel Fotea. Constr Buc 16 no.737:
4 22 F'64.

RADU, V.

Promoting new technique by success. Constr Buc 16 no. 743:3
4 April '64

RADU, V.

The "biography" of a week day. Constr Buc 16 no. 764;3
29 Ag '64.

P-70, Virgil

Unit is and equipment, well maintained and rationally operated.
Cordic Bar, 1600-767-2 10 September '64.

RADU, Virgil

The little city of constructors. Constr buc 16 no.781:2 26 December
'64.

RADU, V.

In step with the required rate. Constr issue 17 no. 793:3
20 Mr '65.

RADU, Ye.M.

Pharmacology of antibiotics (penicillin, streptomycin, and levomycetin).
Zdravookhranenie 3 no.6:44-50 N-D '60. (MIRA 13:12)

1. Iz kafedry farmakologii (zav. - prof. V.M. Chernov) Kishinevskogo
meditsinskogo instituta.
(ANTIBIOTICS)